

GIS REGISTRY INFORMATION

SITE NAME: Loyal Oil

BRRTS #: 02-10-168695 **FID # (if appropriate):**

COMMERCE # (if appropriate): 54446-9590-19-A

CLOSURE DATE: 10/07/2003

STREET ADDRESS: 319 N. Beaver St.

CITY: Loyal

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 481113 Y= 474059

CONTAMINATED MEDIA: Groundwater ☐ Soil ☐ Both ☒

OFF-SOURCE GW CONTAMINATION >ES: ☒ Yes ☐ No

IF YES, STREET ADDRESS 1: Beaver Street

GPS COORDINATES (meters in WTM91 projection): X= 481038 Y= 474000

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): ☒ Yes ☐ No

IF YES, STREET ADDRESS 1: Beaver Street

GPS COORDINATES (meters in WTM91 projection): X= 481105 Y= 474036

CONTAMINATION IN RIGHT OF WAY: ☐ Yes ☒ No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued

Copy of most recent deed, including legal description, for all affected properties

Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties
County Parcel ID number, if used for county, for all affected properties

Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.

Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.

Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)

Tables of Latest Soil Analytical Results (no shading or cross-hatching)

Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.

GW: Table of water level elevations, with sampling dates, and free product noted if present

GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)

SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour

Geologic cross-sections, if required for SI. (8.5x14" if paper copy)

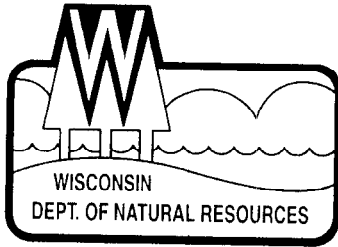
RP certified statement that legal descriptions are complete and accurate

Copies of off-source notification letters (if applicable)

Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)

Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure

X
X
X
X
X
X
X
X
X
X
X
X



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Scott Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TTY Access via relay - 711

December 16, 2003

Mr. Duane Poehnelt
Loyal Oil Company
N9088 County Highway K
Loyal, WI 54446

SUBJECT: Final Case Closure By Closure Committee With Conditions Met
Loyal Oil, 319 North Beaver Street, Loyal, WI
WDNR BRRS #: 02-10-168695

Dear Mr. Poehnelt:

On October 7, 2003, your site as described above was reviewed for closure by the West Central Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On October 21, 2003, you were notified that the Closure Committee had granted conditional closure to this case.

On November 28, 2003, the Department received correspondence indicating that you have complied with the conditions of closure. Conditions of closure include monitoring well abandonment, waste and soil pile removal, and listing on the GIS Registry of Closed Remediation Sites for both soil and groundwater. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

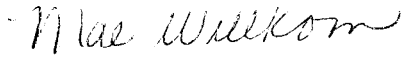
Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

Mr. Duane Poehnelt
Page 2
December 16, 2003

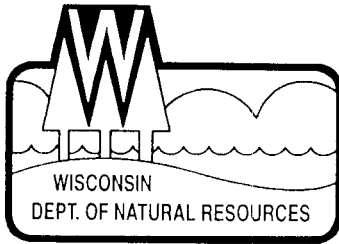
The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 839-3748.

Sincerely,

A handwritten signature in cursive script that reads "Mae Willkom".

Mae Willkom
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: John C. Zajakowski, Envirogen, Inc.
Dee Zoellner, Hydrogeologist, Department of Commerce



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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FAX 715-839-6076
TTY 715-839-2786

October 21, 2003

Mr. Duane Poehnelt
Loyal Oil Company
N9088 County Highway K
Loyal, WI 54446

Subject: Conditional Case Closure
Loyal Oil, N9088 CTH K, Loyal, Wisconsin
WDNR BRRTS # 02-10-168695

Dear Mr. Poehnelt:

On October 7, 2003, your request for closure of the case described above was reviewed by the West Central Region Closure Committee. The West Central Region Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the West Central Region Closure Committee has determined that the petroleum contamination on the site from the vicinity of former petroleum storage tanks located on the property appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted on Form 3300-5B found at <http://www.dnr.state.wi.us/org/water/dwg/gw/3300-5.pdf> or provided by the Department of Natural Resources.

WASTE AND SOIL PILE REMOVAL

Any remaining waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources rules. Please send a letter advising me that any remaining waste and/or soil piles have been removed once that work is completed.

SOIL CONTAMINATION

There is residual soil contamination on your site and on an adjacent off-source property. Your site and the adjacent off-source property will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites for soil. The applicable Soil GIS Registry fee of \$200 was received by the Department on August 29, 2003. The Information that was submitted with your closure request application will be included on the registry.

Mr. Duane Poehneit
Page 2
October 21, 2003

GROUNDWATER CONTAMINATION

There is residual groundwater contamination on your site and on an adjacent off-source property. Department policy requires that a decision whether to grant a PAL exemption be based on a consideration of average contaminant concentrations over several rounds of samples. Based on this policy, your site does not qualify for a PAL exemption. Your site and the adjacent off-source property will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites for groundwater. The applicable Groundwater GIS Registry fee of \$250 has not been received by the Department and must be submitted. Information that was submitted with your closure request application will then be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/cf/geo/gwur/index.htm>.

Section NR 726.05(2)(b)4, Wis. Adm. Code, requires you to provide written notification of the presence of residual groundwater contamination to the owner of each property with Ch. NR 140 enforcement standard exceedances. Based on a consideration of average contaminant concentrations, this requirement must be met. The letter of notification must meet the requirements listed in NR 726.05(2)(b)4. Please provide me with a copy of the written notification. The Department will allow at least 30 days from the date of the written notification before issuance of a final closure letter.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 839-3748.

Sincerely,



Mae Willkom
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: John C. Zajakowski, Envirogen, Inc.
Dee Zoellner, Hydrogeologist, Department of Commerce

CLIENT'S COPY

415604

Joseph Poehnelt and Irene Poehnelt,
a/k/a Irene A. Poehnelt, Husband and Wife

quit-claims to Duane Poehnelt and Julie Poehnelt,
Husband and Wife,
as survivorship marital property,

the following described real estate in Clark County,
State of Wisconsin:

Commencing at the Northeast corner of Outlot 72
of Assessment Plat to Village (now City of Loyal),
Clark County, Wisconsin, thence South 117 feet,
thence West 92 feet, thence North 117 feet, thence
East 92 feet to the point of beginning.

10:15 A.
Eugene Clarke 291.
rd 4.00
RETURN TO
Alan I. Billings
211 N. Main St., Loyal, WI 54446

Tax Parcel No:

78.00

This is not
~~xxx~~ (is not) homestead property.

Dated this 5th day of November, 19 87.

(SEAL)

Joseph Poehnelt (SEAL)

(SEAL)

Irene A. Poehnelt (SEAL)

Irene Poehnelt, a/k/a Irene A. Poehnelt

AUTHENTICATION

Signature(s) Joseph and Irene Poehnelt
a/k/a Irene A. Poehnelt

authenticated this 5th day of November, 19 87.

Alan I. Billings
TITLE: MEMBER STATE BAR OF WISCONSIN

(If not,
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Alan I. Billings, Attorney

211 N. Main St., Loyal, WI 54446

(Signatures may be authenticated or acknowledged. Both
are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN

ss.

County.

Personally came before me this day of
19 the above named

to me known to be the person who executed the
foregoing instrument and acknowledge the same.

Notary Public
My Commission is permanent. (If not, state expiration
date: 19)

LEGAL DESCRIPTION

VOLUME 453 PAGE 291

PART OF OUTLOT 72 ASSESSORS PLAT TO THE CITY OF LOYAL COMMENCING AT THE NORTHEAST CORNER OF OUTLOT 72, THENCE SOUTH 117', THENCE WEST 92', THENCE NORTH 117', THENCE EAST 92' TO THE POINT OF BEGINNING.

LEGEND

- = Approximate described boundaries
- - - = Centerline
- W-W-W- = Water Line
- U-U-U- = Utility lines
- G-G-G- = Gas lines
- ⊙ = Utility pole
- ⊗ = Fire hydrant
- ⊕ = Monitoring well

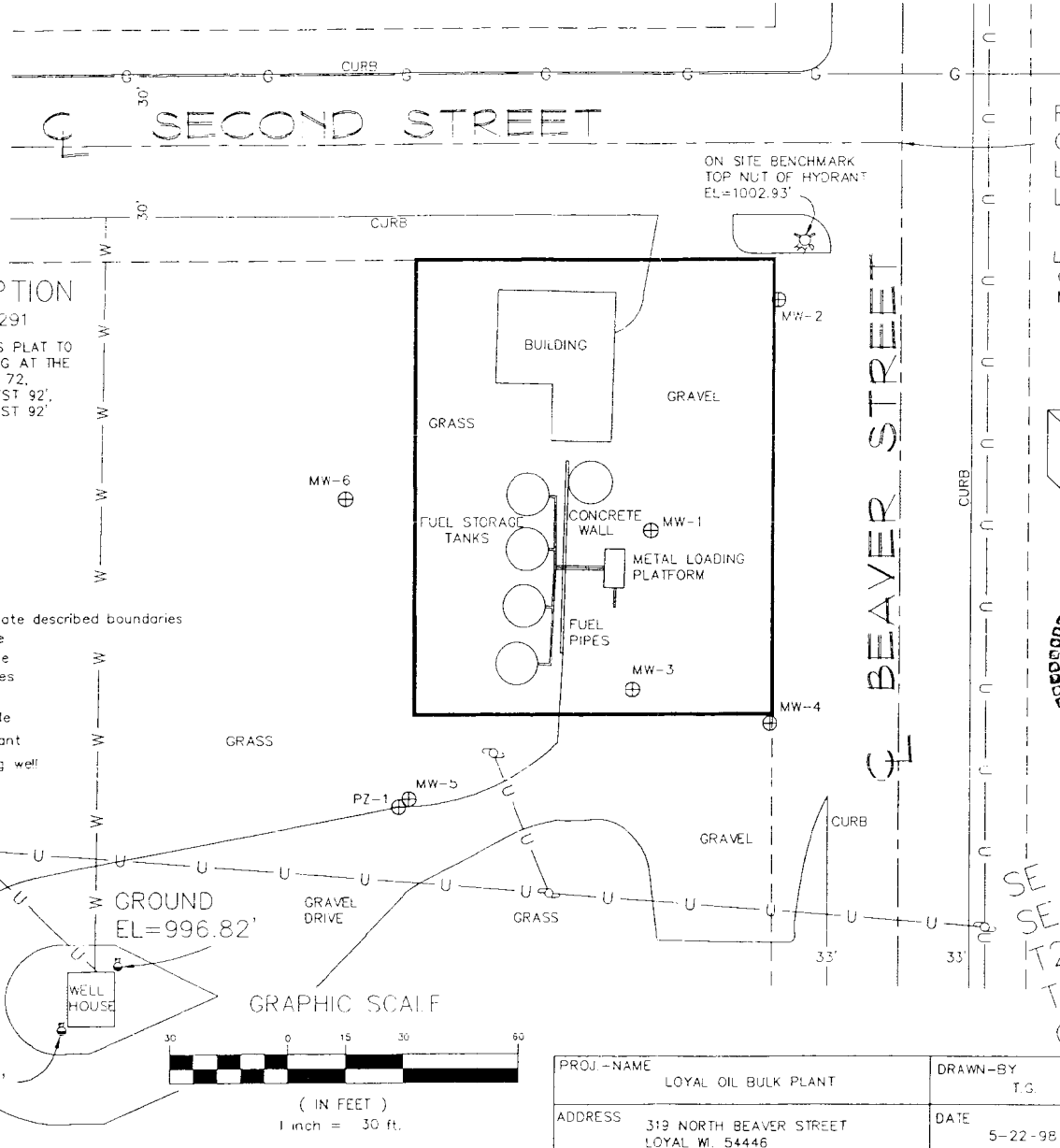
GROUND
EL=996.68'

GROUND
EL=996.82'

GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.



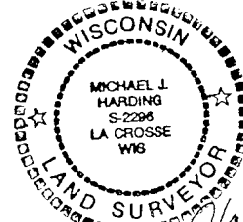
RELATIVE STATION
C/L-C/L

LAT 44°44'17"

LONG 90°29'26"

LATITUDE AND LONGITUDE
OBTAINED BY PRECISION
MAPPING 2.0 SOFTWARE

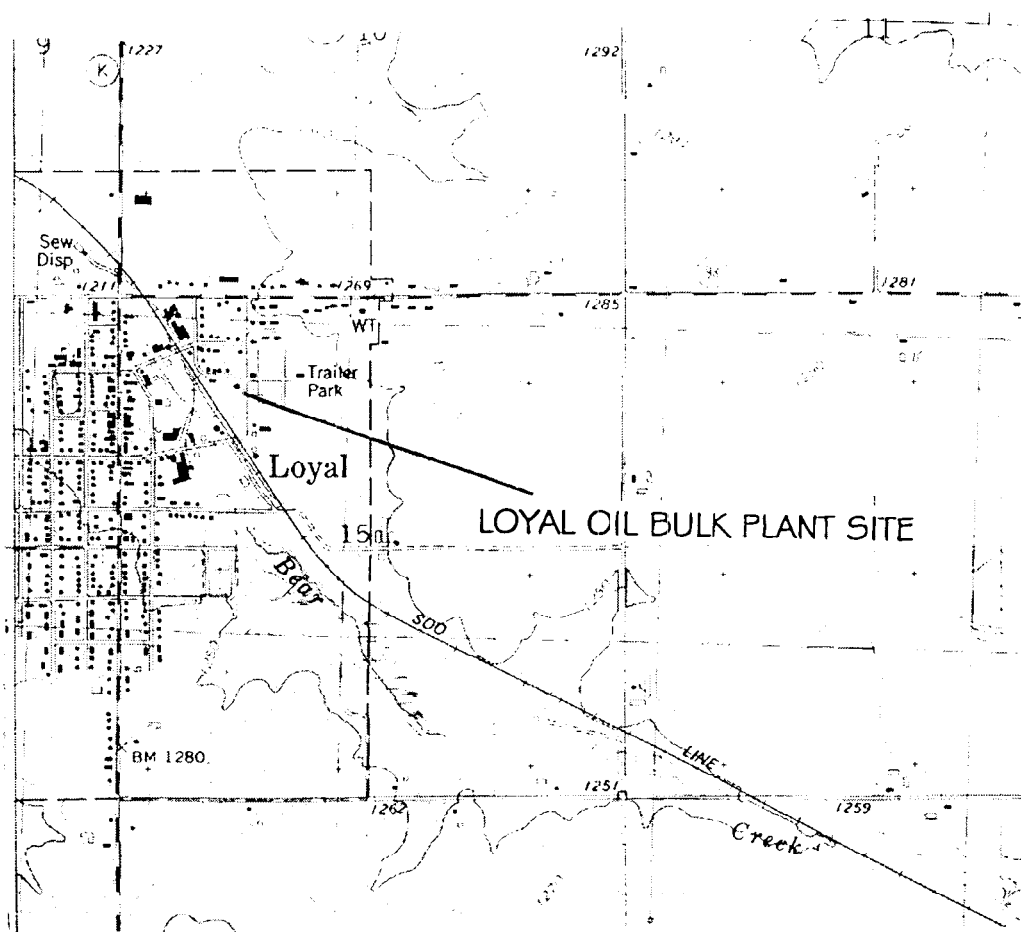
DIGGERS HOTLINE
TICKET # 4927557



SE 1/4 - NW 1/4
SECTION 15
T26N - R1W
TOWN OF LOYAL
CLARK CO., WI

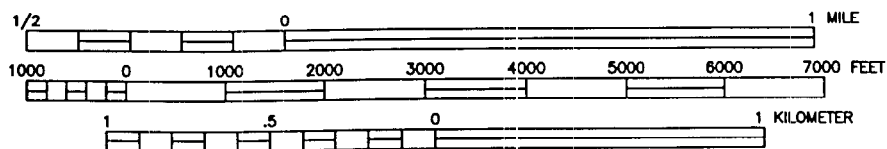
PROJ-NAME	LOYAL OIL BULK PLANT	DRAWN-BY	T.G.	JOB-#	S-3408
ADDRESS	319 NORTH BEAVER STREET LOYAL WI. 54446	DATE	5-22-98	DATE SURVEYED	5-10-98

MW-1
TC=999.02'
EL=999.37'
N 330516.06
E 1840970.78
MW-2
TC=999.97'
EL=1000.56'
N 330575.41
E 1841003.33
MW-3
TC=998.22'
EL=998.46'
N 330475.14
E 1840966.38
MW-4
TC=999.47'
EL=999.87'
N 330466.43
E 1841001.74
MW-5
TC=996.91'
EL=997.21'
N 330446.95
E 1840908.92
MW-6
TC=998.38'
EL=998.97'
N 330524.13
E 1840892.05
PZ-1
TC=996.95'
EL=997.22'
N 330444.89
E 1840906.26



(USGS 1979)
LOYAL QUADRANGLE

SCALE
1:24000



CONTOUR INTERVAL 10 FEET



LOCATION



ENVIROGEN

BEST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

850 Hwy 153 Suite F
Mosinee, Wisconsin 54455

SITE LOCATION

MAP

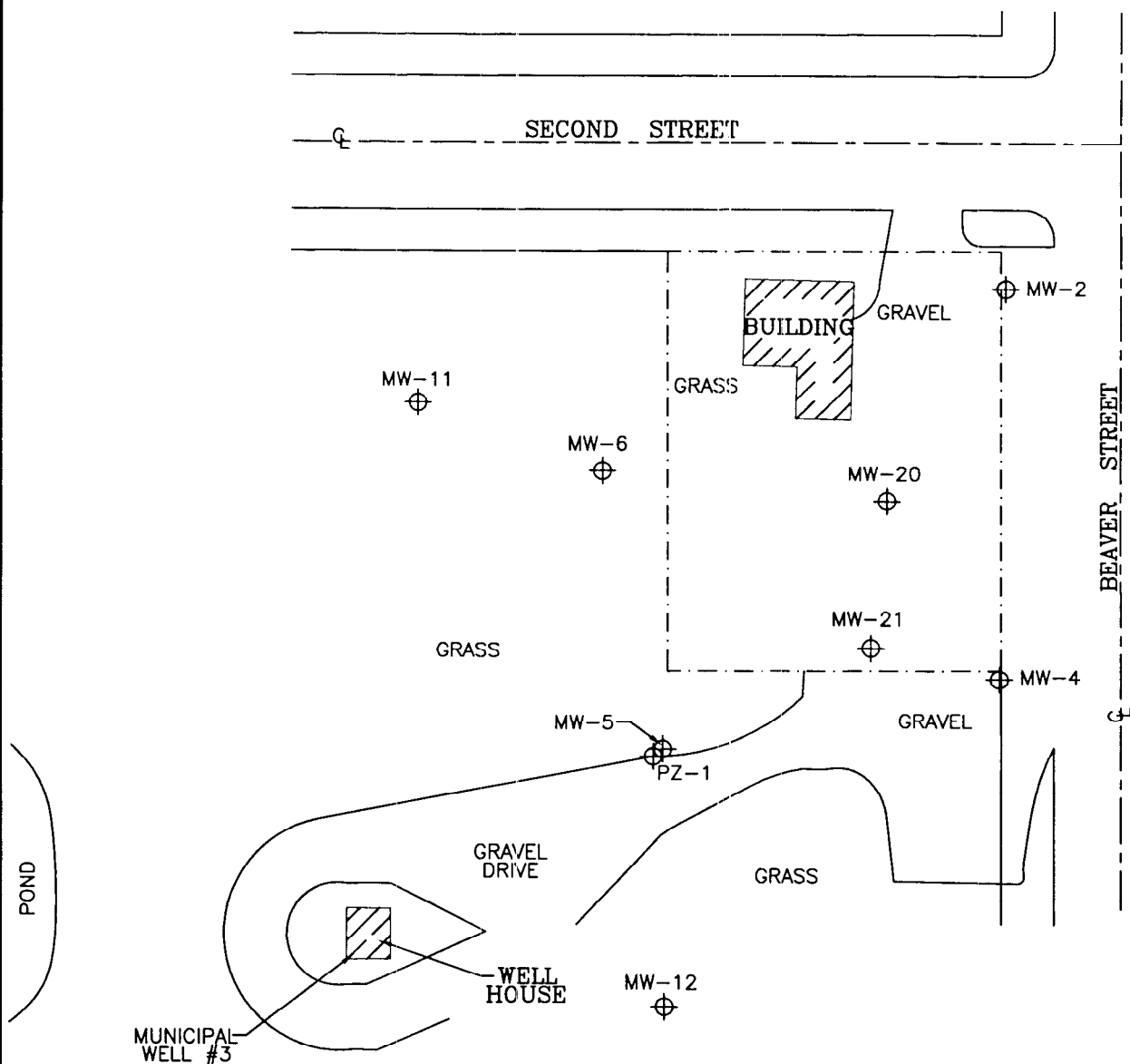
LOYAL OIL BULK PLANT SITE

LOYAL, WISCONSIN

FIGURE NO.

ENGINEER	DATE
ENGINEER	DATE
ENGINEER	DATE
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
KFT	06/02/03
DRAWN BY:	
97.3861	
DRAWING NO.	

--- -- --- APPROXIMATE PROPERTY BOUNDARY
 --- -- --- CENTERLINE
 ⊕ MONITORING WELL
 ⊕ PIEZOMETER



COST EFFECTIVE LEADER FOR A CLEANER ENVIRONMENT

850 Hwy 153 Suite F
Mosinee, Wisconsin 54455

SCALE



0 10' 20' 30' 40' 50'

SITE PLAN VIEW

LOYAL OIL BULK PLANT SITE

LOYAL, WISCONSIN

FIGURE 10.

2

DRAWING NO.	97.386L2	DRAWN BY:	KFT	06/02/03	CHECKED BY:		APPROVED BY:			REVISIONS:	ENGINEER	DATE
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Table 6

Postremedial Groundwater Sample Laboratory Analytical Results
Loyal Oil Bulk Plant Site
Loyal, Wisconsin

Sample	Date	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	1,2-EDB	1,2-DCA	GRO
MW-2	10/24/00	<0.50	<5.0	<5.0	<5.0	<10	<0.50	<8.0	<0.38	<0.50	<50
	3/21/01	<0.39	<0.40	<0.37	<1.43	<1.0	<0.47	<0.53	<0.65	<0.35	<100
	5/17/01	<0.21	<0.22	<0.41	<0.69	<0.60	<0.46	<0.69	<0.10	<0.23	<100
	8/02/01	<0.21	<0.22	<0.41	<0.69	<0.60	<0.46	<0.69	<0.10	<0.23	<100
	6/05/02	<0.43	0.80	<0.63	3.9	0.83	<0.49	<1.4	<0.48	<0.54	<100
	9/04/02	<0.25	<0.53	<0.84	<1.8	<1.5	<0.87	<0.63	<0.55	<0.55	<50
	6/23/03	<0.30	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
MW-4	10/24/00	<0.50	<5.0	<5.0	<5.0	8.6	<0.5	NA	NA	NA	360
	3/21/01	<0.39	0.47	<0.37	<1.4	13	<0.47	NA	NA	NA	240
	5/17/01	<0.21	0.49	0.63	<0.69	23	<0.46	NA	NA	NA	470
	8/02/01	<0.21	0.39	0.52	<0.69	10	<0.46	NA	NA	NA	260
	6/05/02	<0.43	<0.49	<0.63	<1.5	15	<0.49	<1.4	NA	NA	330
	9/04/02	<0.45	<0.82	<0.68	<2.5	8.0	<0.43	NA	NA	NA	270
	6/23/03	<0.30	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
NR 140 PAL		0.50	140	200	1,000	96	12	8.0	0.005	0.50	NS
NR 140 ES		5.0	700	1,000	10,000	480	60	40	0.05	5.0	NS

(continued)

Notes:

All results are reported in ppb noted otherwise.

TMB: Trimethylbenzene

MTBE: Methyl t-butyl ether

DCA: Dichloroethane

EDB: Dibromoethane

NA: Not analyzed

GRO: Gasoline range organics

NS: No standard/not sampled

PAL: Preventive action limit

ES: Enforcement Standard

Table 6 (Continued)

Postremedial Groundwater Sample Laboratory Analytical Results
Loyal Oil Bulk Plant Site
Loyal, Wisconsin

Sample	Date	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	1,2-EDB	1,2-DCA	GRO
MW-5	10/24/00	556	41	9.8	13	<10	<0.50	8.5	<0.38	<0.5	1,050
	3/21/01	150	4.6	0.61	3.0	1.8	<0.47	3.8	<0.65	1.0	410
	5/17/01	55	0.86	<0.41	<0.69	0.30	<0.46	<0.69	<0.10	0.31	150
	8/02/01	28	1.4	<0.41	<0.69	<0.60	<0.46	<0.69	<0.10	<0.23	<100
	6/05/02	10	<0.49	<0.63	<1.4	<1.1	<0.49	<1.4	<0.48	<0.54	<100
	9/04/02	<i>4.3</i>	<0.53	<0.84	<1.8	<1.5	<0.87	<0.63	<0.66	<0.55	<50
	6/23/03	2.5	0.88	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
MW-6	10/24/00	15	18	<5.0	9.1	28	<0.50	NA	NA	NA	549
	3/21/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/17/01	14	13	0.75	6.5	14	<0.46	NA	NA	NA	410
	8/02/01	9.1	5.6	0.62	1.5	4.1	<0.46	NA	NA	NA	260
	6/05/02	21	4.7	1.6	1.5	4.4	<0.49	NA	NA	NA	270
	9/04/02	17	2.5	<0.68	<1.8	4.0	<0.43	NA	NA	NA	230
	6/23/03	3.7	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
NR 140 PAL		0.50	140	200	1,000	96	12	8.0	0.005	0.50	NS
NR 140 ES		5.0	700	1,000	10,000	480	60	40	0.05	5.0	NS

(continued)

Notes:

All results are reported in ppb noted otherwise.

Bold indicates value equals or exceeds the NR 140 enforcement standard*Italics* indicate value equals or exceeds the NR 140PAL

TMB: Trimethylbenzene

MTBE: Methyl t-butyl ether

DCA: Dichloroethane

EDB: Dibromoethane

NA: Not analyzed

GRO: Gasoline range organics

NS: No standard/not sampled

PAL: Preventive action limit

ES: Enforcement Standard

Table 6 (Continued)

Postremedial Groundwater Sample Laboratory Analytical Results
Loyal Oil Bulk Plant Site
Loyal, Wisconsin

Sample	Date	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	1,2-EDB	1,2-DCA	GRO
MW-11	10/24/00	<0.50	<5.0	<5.0	<5.0	<10	<0.50	NA	NA	NA	<50
	3/21/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/17/01	<0.21	<0.22	<0.41	<0.69	<0.60	<0.46	NA	NA	NA	<100
	8/02/01	<0.21	<0.22	<0.41	<0.69	<0.60	<0.46	NA	NA	NA	<100
	6/05/02	<0.43	<0.49	<0.63	<1.5	0.58	<0.49	NA	NA	NA	<100
	9/04/02	<0.49	<0.82	<0.68	<2.5	<1.9	<0.43	NA	NA	NA	<50
	6/23/03	<0.30	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
MW-12	10/24/00	<0.50	<5.0	<5.0	<5.0	<10	<0.50	NA	NA	NA	<50
	3/21/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/17/01	<0.21	<0.22	<0.41	<0.69	<0.60	<0.46	NA	NA	NA	<100
	8/02/01	<i>0.67</i>	0.23	<0.41	<0.69	<0.60	<0.46	NA	NA	NA	<100
	6/05/02	6.0	<0.49	<0.63	<1.5	<1.1	<0.49	NA	NA	NA	<100
	9/04/02	<i>1.0</i>	<0.82	<0.68	<2.5	<1.9	<0.43	NA	NA	NA	<50
	6/23/03	<0.30	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
NR 140 PAL		0.50	140	200	1,000	96	12	8.0	0.005	0.5	NS
NR 140 ES		5.0	700	1,000	10,000	480	60	40	0.05	5.0	NS

(continued)

Notes:

All results are reported in ppb noted otherwise.

Bold indicates value equals or exceeds the NR 140 enforcement standard*Italics* indicate value equals or exceeds the NR 140PAL

TMB: Trimethylbenzene

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NA: Not analyzed

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Table 6 (Continued)

Postremedial Groundwater Sample Laboratory Analytical Results
Loyal Oil Bulk Plant Site
Loyal, Wisconsin

Sample	Date	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	1,2-EDB	1,2-DCA	GRO
MW-20	10/24/00	<i>2.1</i>	<5.0	<5.0	<5.0	<10	0.76	<8.0	<0.38	<0.5	143
	3/21/01	<i>4.3</i>	<0.40	<0.37	<1.4	<1.0	<0.47	2.4	<0.65	<0.35	<100
	5/17/01	<i>0.51</i>	<0.22	<0.41	<0.69	<0.60	<0.46	<0.69	<0.10	<0.23	<100
	8/02/01	<i>1.3</i>	<0.22	<0.41	<0.69	<0.60	<0.46	<0.69	<0.10	<0.23	<100
	6/05/02	23	<0.49	<0.63	<1.4	<1.1	<0.49	<1.4	<0.48	<0.54	<100
	9/04/02	<0.25	<0.53	<0.84	<1.8	<1.3	<0.87	<0.63	<0.66	<0.55	<50
	6/23/03	<0.30	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
MW-21	10/24/00	630	<5.0	<5.0	<5.0	<10.0	<0.5	<i>11.5</i>	<0.38	<0.5	286
	3/21/01	35	<0.40	<0.37	<1.4	<1.0	<0.47	6.0	<0.65	<0.35	140
	5/17/01	<i>0.42</i>	<0.22	<0.41	<0.69	<0.60	<0.46	<0.69	<0.10	<0.23	<100
	8/02/01	11	<0.22	<0.41	<0.69	<0.60	<0.46	<0.69	<0.10	<0.23	<100
	6/05/02	2.4	<0.49	<0.63	<1.4	<1.1	<0.49	<1.4	<0.48	<0.54	<100
	9/04/02	<0.25	<0.53	<0.84	<1.8	<1.3	<0.87	<0.63	<0.66	<0.55	<50
	6/23/03	<0.30	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
NR 140 PAL		0.50	140	200	1,000	96	12	8.0	0.005	0.5	NS
NR 140 ES		5.0	700	1,000	10,000	480	60	40	0.05	5.0	NS

(continued)

Notes:

All results are reported in ppb noted otherwise.

Bold indicates value equals or exceeds the NR 140 enforcement standard*Italics* indicate value equals or exceeds the NR 140PAL

TMB: Trimethylbenzene

MTBE: Methyl t-butyl ether

DCA: Dichloroethane

EDB: Dibromoethane

NA: Not analyzed

GRO: Gasoline range organics

NS: No standard/not sampled

PAL: Preventive action limit

ES: Enforcement Standard

Table 6 (Continued)

Postremedial Groundwater Sample Laboratory Analytical Results
Loyal Oil Bulk Plant Site
Loyal, Wisconsin

Sample	Date	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	1,2-EDB	1,2-DCA	GRO
PZ-1	10/24/00	<0.50	<5.0	<5.0	<5.0	<10	<0.50	NA	NA	NA	<50
	3/21/01	<0.39	<0.40	<0.37	<1.4	<1.0	<0.47	NA	NA	NA	<100
	5/17/01	<0.21	<0.22	<0.41	<0.69	<0.60	<0.46	NA	NA	NA	<100
	8/02/01	<0.21	0.27	0.41	<0.69	<0.60	<0.46	NA	NA	NA	<100
	6/05/02	<i>1.0</i>	4.7	4.4	14	4.8	<0.49	NA	NA	NA	<100
	9/04/02	<0.45	<0.82	<0.68	<2.5	<1.9	<0.43	NA	NA	NA	<50
	6/23/03	<0.30	<0.60	<0.58	<1.8	<1.2	<0.58	NA	NA	NA	NA
NR 140 PAL		0.50	140	200	1,000	96	12	8.0	0.005	0.5	NS
NR 140 ES		5.0	700	1,000	10,000	480	60	40	0.05	5.0	NS

Notes:

All results are reported in ppb noted otherwise.

Italics indicate value equals or exceeds the NR 140PAL

TMB: Trimethylbenzene

MTBE: Methyl t-butyl ether

DCA: Dichloroethane

EDB: Dibromoethane

NA: Not analyzed

GRO: Gasoline range organics

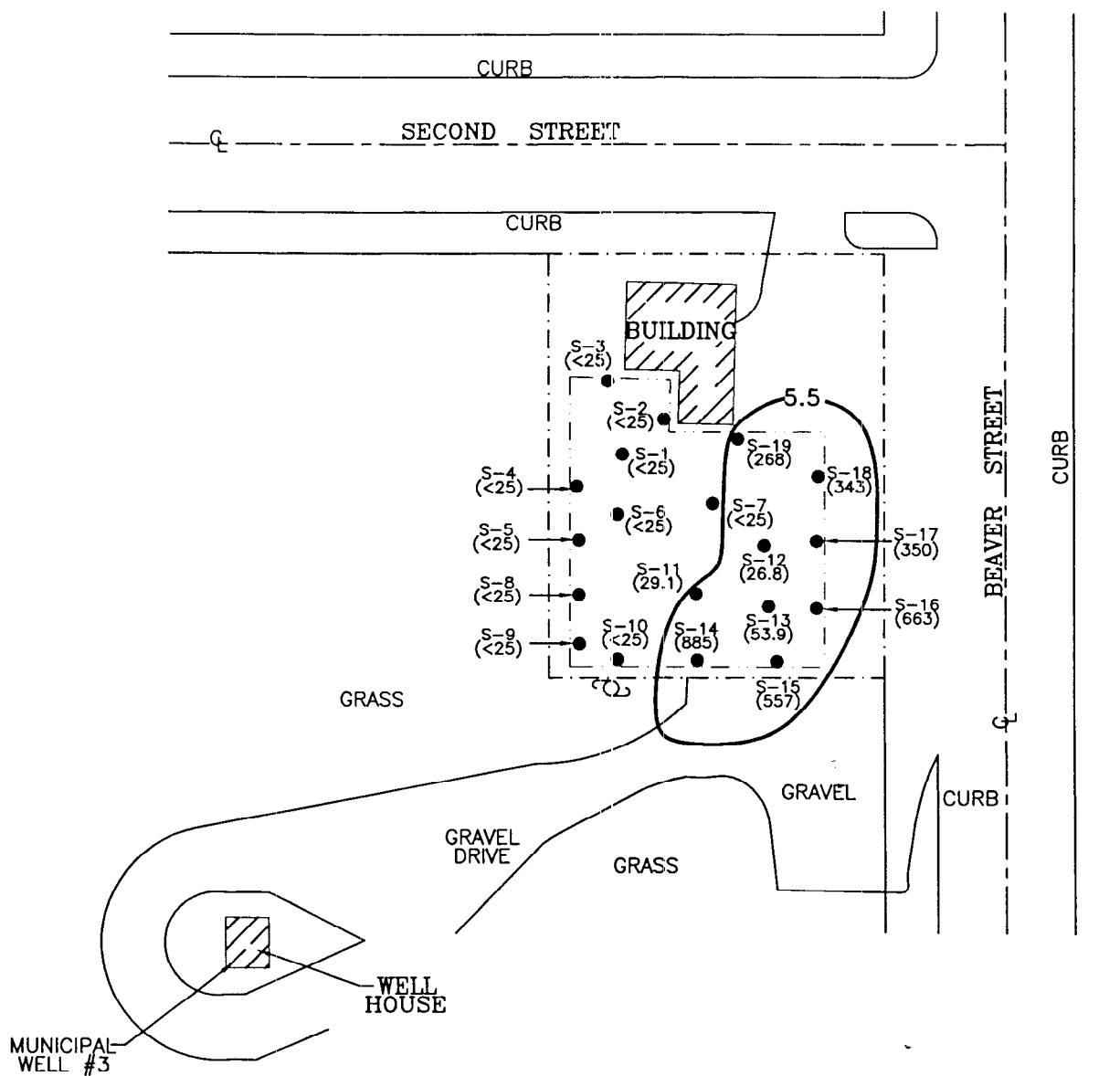
NS: No standard/not sampled

PAL: Preventive action limit

ES: Enforcement Standard

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- CENTERLINE
- LIMITS OF EXCAVATION
- UTILITY POLE
- SOIL SAMPLE LOCATION
- () SOIL BENZENE CONCENTRATION IN ppb
- 5.5 ISOCONCENTRATION CONTOUR



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REMEDIAL SOIL EXCAVATION/SOIL SAMPLING LOCATIONS/
SOIL BENZENE CONCENTRATION (08/08/00)

LOYAL OIL BULK PLANT SITE

LOYAL, WISCONSIN

FIGURE NO.

1

ENGINEER	DATE
ENGINEER	DATE
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
06/02/03	
KFT	
DRAWN BY:	
97.386LG	
DRAWING NO.	

Table 5

Excavation Soil Sample Laboratory Analytical Results
Loyal Oil Bulk Plant Site
Loyal, Wisconsin
August 14 & 15, 2000

Sample	Depth (feet bls)	Location	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	GRO (mg/kg)	DRO (mg/kg)
S-1	9	Floor	<25	<25	29	150	120	<25	<5.0	69
S-2	6	Wall	<25	270	<25	2,240	863	<25	212	310
S-3	6	Wall	<25	<25	<25	<25	<25	<25	<5.6	<5.6
S-4	6	Wall	<25	<25	<25	<25	27	<25	<6.5	<6.5
S-5	6	Wall	<25	38	83	292	481	<25	<6.4	<6.4
S-6	9	Floor	<25	52	100	603	731	<25	<5.7	27
S-7	9	Floor	<25	<25	<25	66	39	<25	<5.7	19
S-8	5	Wall	<25	<25	<25	<25	<25	<25	<5.6	<5.6
S-9	5	Wall	<25	<25	<25	<25	<25	<25	<5.6	<5.6
S-10	5	Wall	<25	<25	<25	34	44	<25	<5.6	<5.6
S-11	9	Floor	29	29	37	62	84	<25	<5.9	<5.9
S-12	9	Floor	27	36	39	119	116	<25	<6.0	<6.0
S-13	9	Floor	54	43	52	170	153	<25	<6.1	<6.1
S-14	6	Wall	885	146	26	82	81	<25	<6.1	<6.1
S-15	6	Wall	557	115	<25	73	66	<25	<6.1	<6.1
S-16	6	Wall	663	137	27	95	92	<25	<6.1	<6.1
S-17	6	Wall	350	<25	<25	<25	30	<25	<5.7	<5.7
S-18	6	Wall	343	<25	<25	<25	<25	<25	<5.4	<5.4
S-19	6	Wall	268	<25	<25	<25	<25	<25	<5.6	<5.6
NR 720.09 Residual Contaminant Levels			5.5	2,900	1,500	4,100	NS	NS	100	100
NR 746.06 Table 1 (free product indicator)			8,500	4,600	38,000	42,000	94,000	---	---	---
NR 746.06 Table 2 (direct contact standard)			1,100	---	---	---	---	---	---	---

Notes:

Results in ug/kg unless otherwise noted

Bold indicates value exceeds Wisconsin Administrative Code Chapter NR 720 generic soil standards.

TMB: Trimethylbenzene

MTBE: Methyl t-butyl ether

GRO: Gasoline range organics

NS: No standard

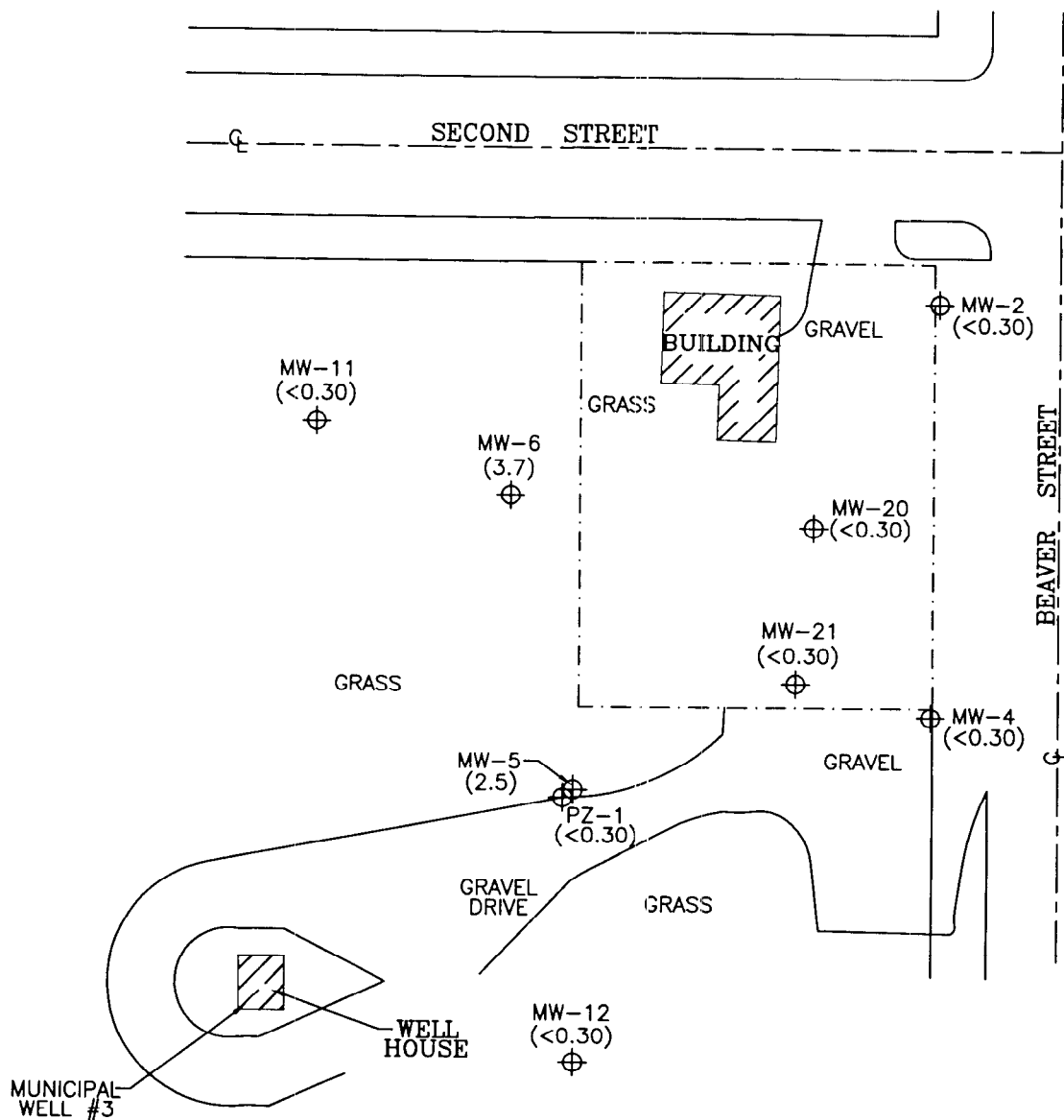
bls: below land surface

DRO: Diesel range organics

NOTE:

- THE NR 140 ENFORCEMENT STANDARD
FOR BENZENE IS 5.0 ppb.

M



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POSTREMEDIAL GROUNDWATER
BENZENE DISTRIBUTION (06/23/03)

LOYAL OIL BULK PLANT SITE
LOYAL, WISCONSIN

FIGURE NO. 2.

7

DRAWING NO.	97-386L7	DRAWN BY:	KFT	CHECKED BY:		APPROVED BY:		REVISIONS	ENGINEER	DATE
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Table 7

**Postremedial Groundwater Elevation Data
Loyal Oil Bulk Plant Site
Loyal, Wisconsin**

Well	Top-of-Casing Elevation	Date	Top-of-Casing to Water (feet)	Groundwater Elevation
MW-2	999.97	10/24/00	6.05	993.92
		3/21/01	5.97	994.00
		5/17/01	4.26	995.71
		8/02/01	5.05	994.92
		6/05/02	3.42	996.55
		9/04/02	4.63	995.34
		6/23/03	5.09	994.88
MW-4	999.47	10/24/00	6.21	993.26
		3/21/01	6.02	993.45
		5/17/01	4.55	994.92
		8/02/01	5.08	994.39
		6/05/02	3.36	996.11
		9/04/02	4.76	994.71
		6/23/03	5.20	994.27

(continued)

Note:

Table 7

**Postremedial Groundwater Elevation Data
Loyal Oil Bulk Plant Site
Loyal, Wisconsin**

Well	Top-of-Casing Elevation	Date	Top-of-Casing to Water (feet)	Groundwater Elevation
MW-5	996.91	10/24/00	3.78	993.13
		3/21/01	3.45	993.46
		5/17/01	2.17	994.74
		8/02/01	2.80	994.11
		6/05/02	1.02	995.89
		9/04/02	2.40	994.51
		6/23/03	2.99	993.92
MW-6	998.38	10/24/00	4.80	993.58
		3/21/01	NS	NS
		5/17/01	3.15	995.23
		8/02/01	3.79	994.59
		6/05/02	1.94	996.44
		9/04/02	3.34	995.04
		6/23/03	3.77	994.61

(continued)

Note:

Table 7 (Continued)

Postremedial Groundwater Elevation Data
Loyal Oil Bulk Plant Site
Loyal, Wisconsin

Well	Top-of-Casing Elevation	Date	Top-of-Casing to Water (feet)	Groundwater Elevation
MW-11	998.14	10/24/00	4.44	993.70
		3/21/01	NS	NS
		5/17/01	2.87	995.27
		8/02/01	3.51	994.63
		6/05/02	1.93	996.21
		9/04/02	3.07	995.07
		6/23/03	3.50	994.64
MW-12	997.19	10/24/00	4.95	992.24
		3/21/01	NS	NS
		5/17/01	3.98	993.21
		8/02/01	4.14	993.05
		6/05/02	2.45	994.74
		9/04/02	3.65	993.54
		6/23/03	4.38	992.81

Note:

NS: Not Sampled

(continued)

Table 7 (Continued)

Postremedial Groundwater Elevation Data
Loyal Oil Bulk Plant Site
Loyal, Wisconsin

Well	Top-of-Casing Elevation	Date	Top-of-Casing to Water (feet)	Groundwater Elevation
MW-20	999.28	10/24/00	5.89	993.39
		3/21/01	5.55	993.73
		5/17/01	4.22	995.06
		8/02/01	4.81	994.47
		6/05/02	3.01	996.27
		9/04/02	4.42	994.86
		6/23/03	6.41	992.87
MW-21	998.36	10/24/00	5.00	993.36
		3/21/01	4.59	993.77
		5/17/01	3.33	995.03
		8/02/01	3.92	994.44
		6/05/02	2.14	996.22
		9/04/02	3.55	994.81
		6/23/03	4.00	994.36

(continued)

Note:

All elevations are measured in feet above mean sea level

NS: Not Sampled

Table 7 (Continued)

**Postremedial Groundwater Elevation Data
Loyal Oil Bulk Plant Site
Loyal, Wisconsin**

Well	Top-of-Casing Elevation	Date	Top-of-Casing to Water (feet)	Groundwater Elevation
PZ-1	996.95	10/24/00	8.16	988.79
		3/21/01	NS	NS
		5/17/01	10.35	986.60
		8/02/01	10.42	986.53
		6/05/02	8.68	988.27
		9/04/02	7.42	989.53
		6/23/03	10.62	986.33

Note:

All elevations are measured in feet above mean sea level

LEGEND

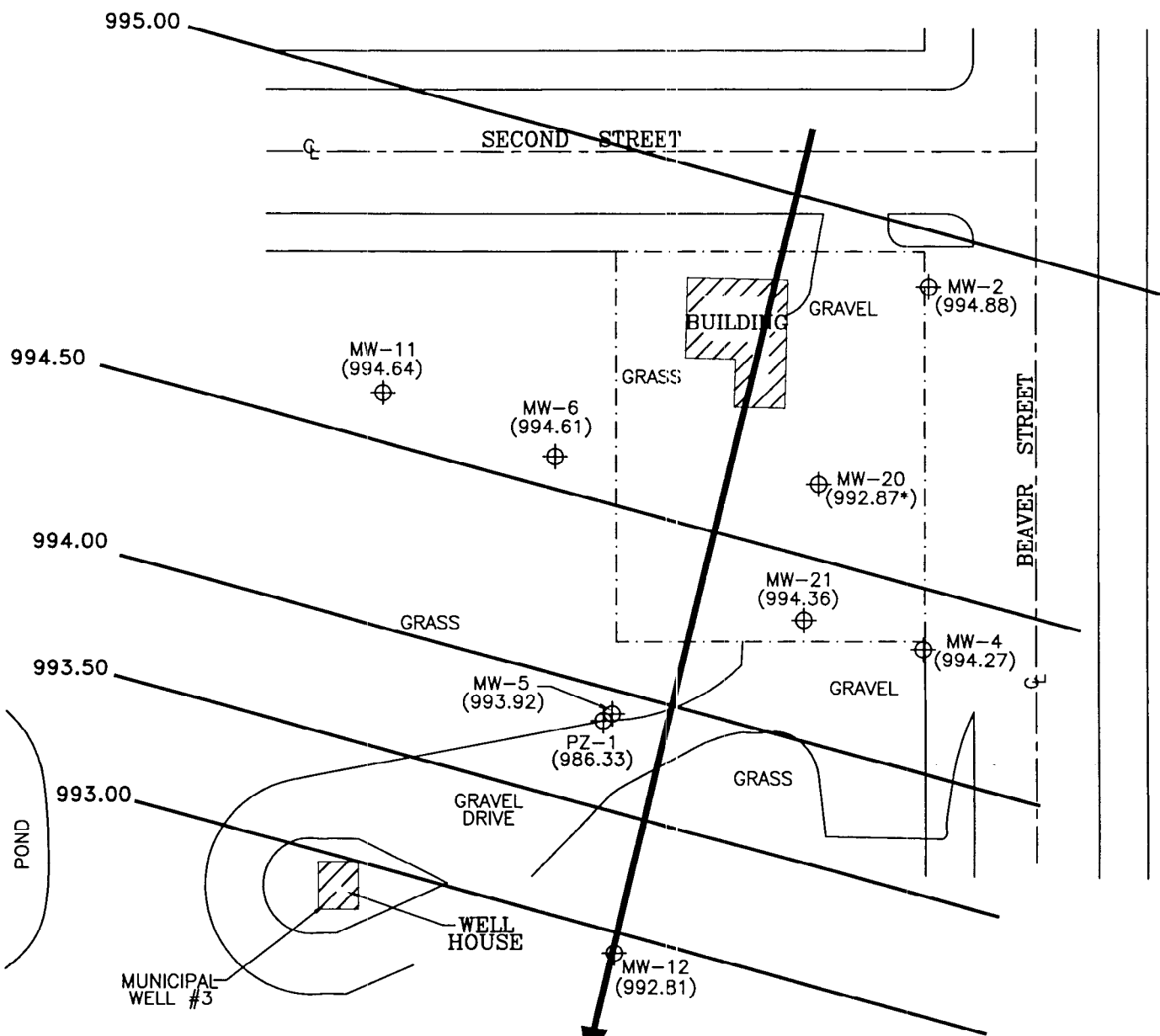
- APPROXIMATE PROPERTY BOUNDARY
- CENTERLINE
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- () ELEVATION IN FEET ABOVE MSL
- 994.00 ISOELEVATION CONTOUR

NOTES:

HYDRAULIC GRADIENT = 0.01 ft/ft

VERTICAL GRADIENT AT MW5/PZ-1
= 0.23 ft/ft DOWNWARD

*ELEVATION AT MW-20 NOT USED
DUE TO CONSTRUCTION OF NEW
BUILDING ON TOP OF WELL



GROUNDWATER
FLOW
DIRECTION

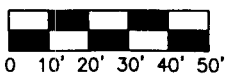


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Mosinee, Wisconsin 54455

SCALE



POSTREMEDIATION POTENTIOMETRIC

SURFACE (06/23/03)

LOYAL OIL BULK PLANT SITE

LOYAL, WISCONSIN

FIGURE NO.

8

ENGINEER	DATE
ENGINEER	DATE
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
06/02/03	
KFT	
DRAWN BY:	
97.38618	
DRAWING NO.	

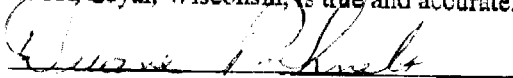
August 1, 2003

Ms. Eileen Kramer
Wisconsin Department of Natural Resources
P.O. Box 4001
Eau Claire, Wisconsin 54702-4001

Re: Statement of Legal Description Verification for the Loyal Oil Bulk Plant Site
319 N. Beaver Street, Loyal, Wisconsin 54446
WDNR BRRTS #02-10-168695
PECFA ID No. 54446-9590-19-A

Dear Ms. Kramer:

I, Duane Poehnelt, hereby state to the best of my knowledge, that the legal description, NE $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 15, T26N, R1W in Clark County, for the former Loyal Oil Bulk Plant Property, located at 319 N Beaver Street, Loyal, Wisconsin, is true and accurate.


Duane Poehnelt

8-1-03
Date Signed



850 Hwy 153, Suite F
Mosinee, WI 54455

Tel: 715/693-1750
Fax: 715/693-1766
www.envirogen.com

August 20, 2003

Mr. Ray Morrison
City of Loyal
P.O. Box 9
Loyal, Wisconsin 54446

**RE: Soil Geographic Information System Registry
Loyal Oil Bulk Plant (Former) Site, Loyal, Wisconsin
WDNR BRRTS No.: 02-10-108695**

Dear Mr. Morrison:

Soil petroleum contamination from the above-referenced property appears to be present on a portion of the City of Loyal Park property. Petroleum contamination in the form of benzene, at levels in excess of its Wisconsin Administrative Code (WAC) NR 720 generic soil standard, appears to have migrated from the southern property boundary of the Loyal Oil Bulk Plant site to the eastern portion of the Park property. At this time, Envirogen is requesting case closure from the Wisconsin Department of Natural Resources (WDNR). Closure means that WDNR will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation. However, WDNR reserves the right to reopen the investigation if, in the future, site conditions indicate that any contamination that remains may pose a threat to human health or the environment. Figure 1 illustrates the extent of soil benzene contamination.

Since the source of soil benzene contamination on your property was not caused by your actions, neither you nor any subsequent owner of your property will be held responsible for additional investigation or cleanup of the contamination, if deemed necessary by WDNR, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1-800-367-6076, to obtain a copy of the WDNR publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

Since case closure may be granted with groundwater contamination present in excess of NR 140 ESs, the site will be listed on the WDNR's Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where soil contamination above chapter NR 720 generic soil standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's Internet web site.

Should you or any subsequent property owner excavate the benzene contaminated soil in the future, the soil must be sampled and analyzed, may be considered solid or hazardous waste if residual contamination remains and must be stored, treated and disposed in compliance with applicable statutes and rules.



WDNR will not add this property to the GIS Registry of Closed Remediation Sites for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact WDNR to provide any technical information that you may have that indicates that this site should not be added to the GIS Registry of Closed Remediation Sites. If you would like to submit any relevant information to WDNR, you should mail that information to: Ms. Eileen Kramer, WDNR, P.O. Box 4001, Eau Claire, Wisconsin 54702-4001, (715) 839-3824.

You may obtain a copy of the closure letter, if closure is granted, by requesting a copy from me, by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at Envirogen, Inc. 850 Hwy. 153, Suite F., Mosinee, Wisconsin 54455, at (715) 693-1750, or you may contact Ms. Eileen Kramer, WDNR, P.O. Box 4001, Eau Claire, Wisconsin 54702-4001, (715) 839-3824.

Sincerely,
ENVIROGEN, INC.

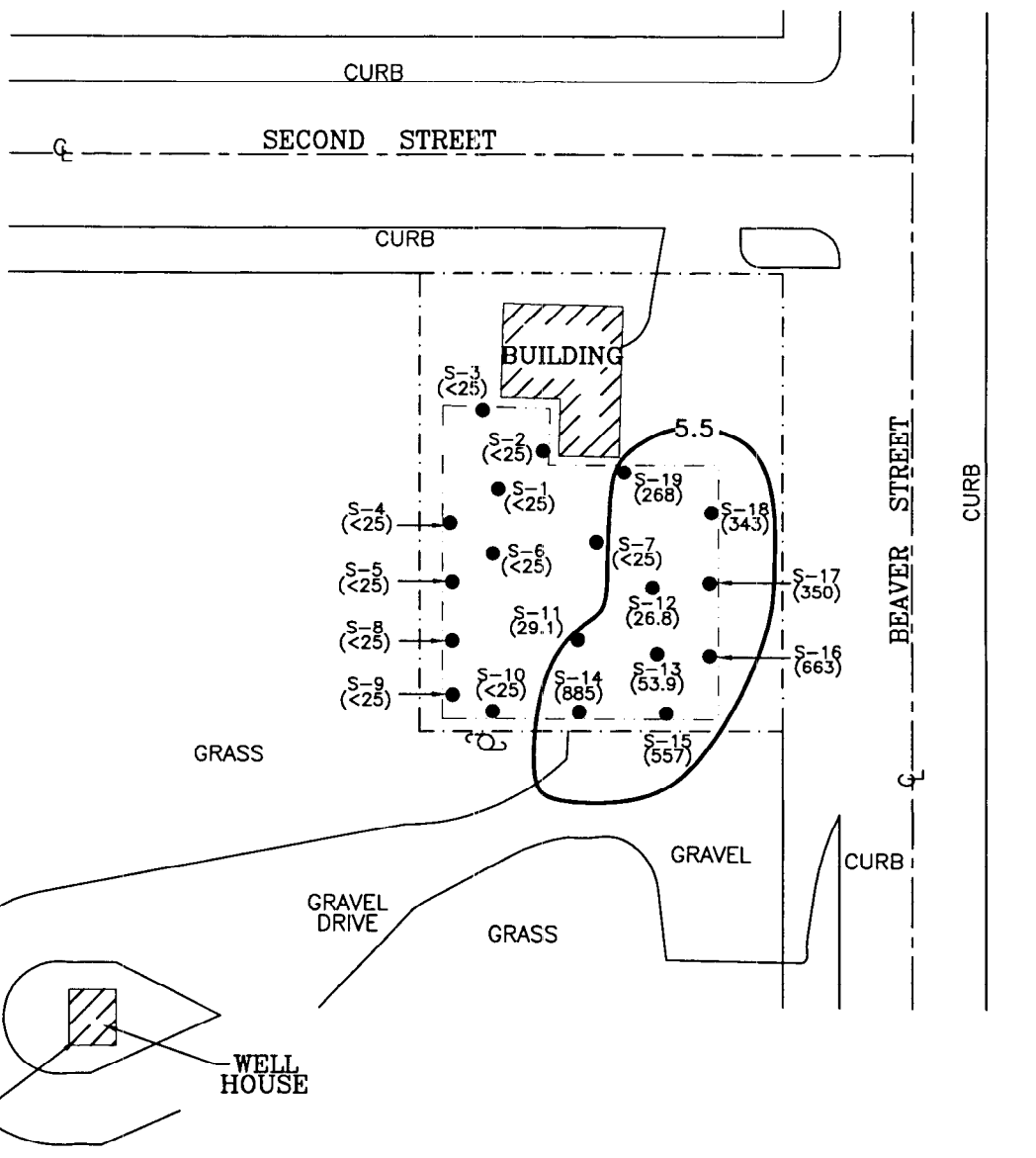
A handwritten signature in black ink that reads 'John C. Zajakowski'.

John C. Zajakowski
Senior Project Manager

cc: Ms. Eileen Kramer, WDNR, P.O. Box 4001, Eau Claire, Wisconsin 54702-4001
Mr. Duane Poehnelt, N9088 CTH K, Loyal, Wisconsin 54446

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- CENTERLINE
- LIMITS OF EXCAVATION
- UTILITY POLE
- SOIL SAMPLE LOCATION
- () SOIL BENZENE CONCENTRATION IN ppb
- 5.5 ISOCONCENTRATION CONTOUR



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REMEDIAL SOIL EXCAVATION/SOIL SAMPLING LOCATIONS/

SOIL BENZENE CONCENTRATIONS (08/08/00)

LOYAL OIL BULK PLANT SITE

LOYAL, WISCONSIN

FIGURE NO.

6

ENGINEER	DATE
ENGINEER	DATE
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
06/02/03	
KFT	
DRAWN BY:	
97.386LG	
DRAWING NO.	



850 Hwy 153, Suite F
Mosinee, WI 54455

Tel: 715/693-1750
Fax: 715/693-1766
www.envirogen.com

November 12, 2003

Mr. Ray Morrison
City of Loyal
P.O. Box 9
Loyal, Wisconsin 54446

**RE: Groundwater Geographic Information System Registry
Loyal Oil Bulk Plant (Former) Site, Loyal, Wisconsin
WDNR BRRTS No.: 02-10-108695**

Dear Mr. Morrison:

Groundwater petroleum contamination, in excess of Wisconsin Administrative Code (WAC) NR 140 preventive action limits (PALs) from the above-referenced property is present in monitoring wells MW-5 and MW-6 located on a portion of the City of Loyal Park property. Monitoring wells MW-5 and MW-6, located west and southwest of the former bulk plant, contained benzene at concentrations of 2.5 and 3.7 ppb, respectively. It is the Wisconsin Department of Natural Resources' (WDNR) and Envirogen's belief that groundwater contamination remaining in these monitoring wells will naturally degrade over time. Since the site meets requirements for case closure found in WAC NR 726 and WAC NR 746, the WDNR granted conditional closure at the Loyal Bulk Plant on October 21, 2003. Case closure means that WDNR will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation. However, WDNR reserves the right to reopen the investigation if, in the future, site conditions indicate that any contamination that remains may pose a threat to human health or the environment. Figure 1 illustrates the postremedial groundwater benzene distribution as measured on June 23, 2003.

Since the source of groundwater contamination on your property was not caused by your actions, neither you nor any subsequent owner of your property will be held responsible for additional investigation or cleanup of the contamination, if deemed necessary by WDNR, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1-800-367-6076, to obtain a copy of the Wisconsin Department of Natural Resources' (WDNR) publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

Since case closure may be granted with groundwater contamination formerly present in excess of NR 140 PALs, the site will be listed on the WDNR's Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the



location of properties in Wisconsin where groundwater contamination above chapter NR 140 PALs was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' Internet web site.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

WDNR will not add this property to the GIS Registry of Closed Remediation Sites for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact WDNR to provide any technical information that you may have that indicates that this site should not be added to the GIS Registry of Closed Remediation Sites. If you would like to submit any relevant information to WDNR, you should mail that information to: Ms. Mae Willkom, Wisconsin Department of Natural Resources-Bureau for Remediation and Redevelopment, 1300 West Clairemont Avenue, P.O. Box 4001, Eau Claire, Wisconsin 54702-4001, (715) 839-3748.

You may obtain a copy of the closure letter, if closure is granted, by requesting a copy from me, by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at Envirogen, Inc. 850 Hwy. 153, Suite F., Mosinee, Wisconsin 54455, at (715) 693-1750, or you may contact Ms. Mae Willkom, Wisconsin Department of Natural Resources-Bureau for Remediation and Redevelopment, 1300 West Clairemont Avenue, P.O. Box 4001, Eau Claire, Wisconsin 54702-4001, (715) 839-3748.

Sincerely,

ENVIROGEN, INC.

A handwritten signature in black ink, appearing to read 'John C. Zajakowski'.

John C. Zajakowski
Senior Project Manager

Reviewed By: A handwritten signature in black ink, appearing to read 'Julianne Pruguck'.

cc: Ms. Mae Willkom, WDNR, 1300 West Clairemont Avenue, P.O. Box 4001, Eau Claire, Wisconsin 54702-4001
Mr. Duane Poehnelt, N9088 County Highway K, Loyal, Wisconsin 54446

LEGEND

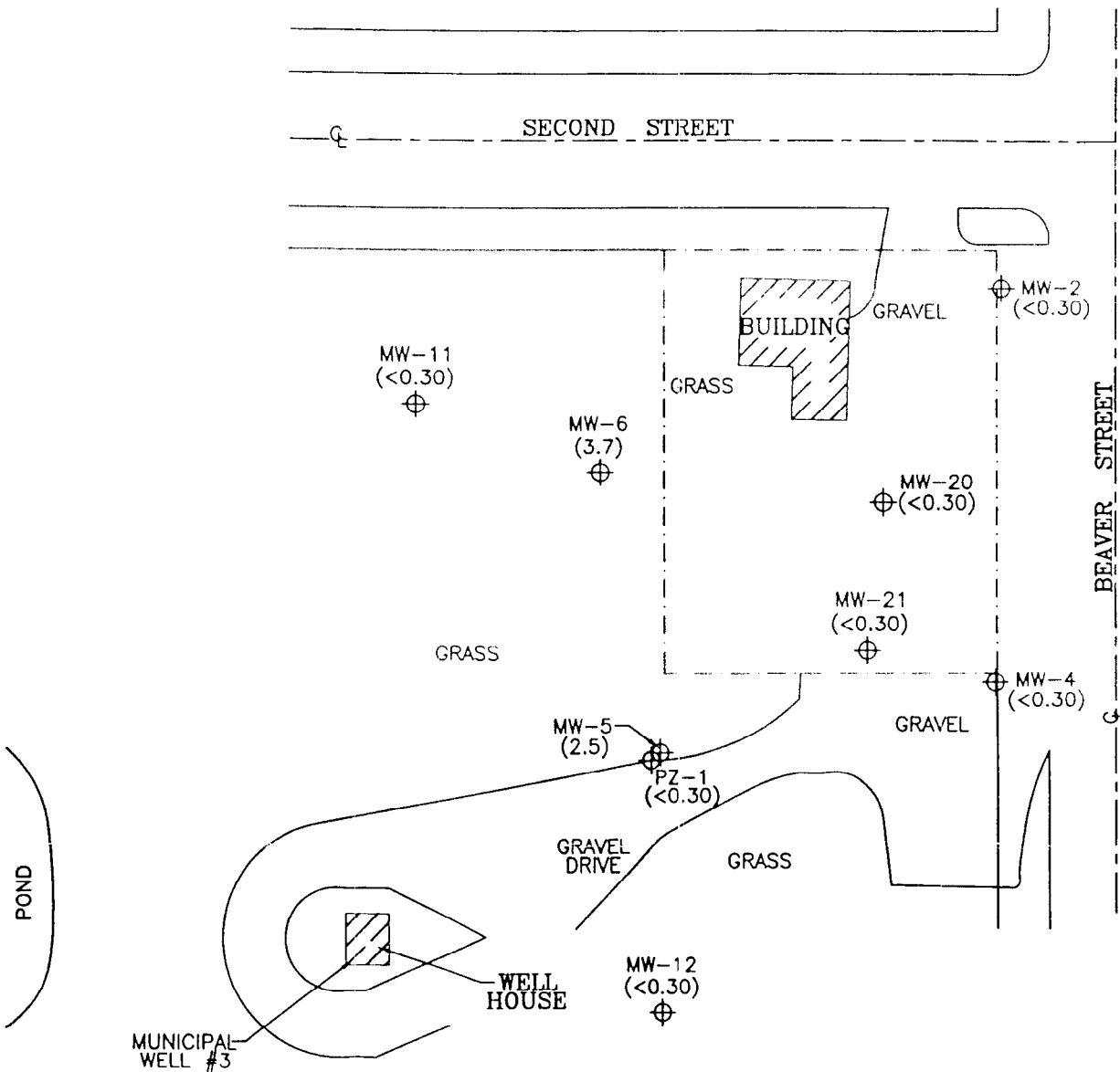
- APPROXIMATE PROPERTY BOUNDARY
- CENTERLINE
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- () GROUNDWATER BENZENE CONCENTRATION IN ppb

NOTE:

THE NR 140 ENFORCEMENT STANDARD FOR BENZENE IS 5.0 ppb.



DATE	ENGINEER
DATE	ENGINEER
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
06/02/03	KFT
DRAWN BY:	
97.386L7	
DRAWING NO.	

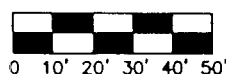


ENVIROGEN

COST EFFECTIVE LEADER FOR A CLEANER ENVIRONMENT

850 Hwy 153 Suite F
Mosinee, Wisconsin 54455

SCALE



POSTREMEDIAL GROUNDWATER
BENZENE DISTRIBUTION (06/23/03)
LOYAL OIL BULK PLANT SITE
LOYAL, WISCONSIN

FIGURE NO.

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